



The Commonwealth of Massachusetts

Department of Public Health

State House, Boston 33 February 4, 1960

ALFRED L. FRECHETTE, M.D.
Commissioner

D. E. Makepeace Division
Engelhard Industries, Inc.
Pine & Dunham Street
Attleboro, Massachusetts

Attention: Norton M. Weiss,
Health-Safety Officer

Re: PLAINVILLE - Enlargement
of Radioactive Waste
Disposal System at
Engelhard Industries,
D. E. Makepeace Division,
Route 152

Gentlemen:

The Department of Public Health, in response to your request dated January 14, 1960, has caused an examination to be made by one of its engineers of the enlargement of the Radioactive Waste Disposal System for your plant on Route 152 and has reviewed a plan titled:

"Additional Leaching Pit for
Nuclear Waste Water
Plainville Plant
Size A Drawing No. 50044"

The examination revealed that the additional leaching pit has already been built. The additional leaching pit is made of standard cesspool blocks with a 12-foot effective diameter and a depth of five feet. The bottom of the pit is said to have 12 inches of fine sand on its bottom. This pit will be used as an overflow for the original leaching pit and is located 24 feet northeast of the original pit. The soil in the area consists of gravel and is suitable for the subsurface disposal of settled sewage.

The Department is of the opinion that the proposed additional leaching pit has been designed in accordance with modern sanitary engineering practice and hereby approves it with the following provisions:

1. That a high-water alarm be installed in the new seepage pit at a depth of one foot below the inlet, and
2. That additional seepage pits be installed as they are needed.

Respectfully,

Worthen H. Taylor

Worthen H. Taylor
Director

Division of Sanitary Engineering

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